

90-092255/13

D25

HENK 21.09.88
*DE 3832-006-A

HENKEL KGAA
21.09.88-DE-832006 (22.03.90) B29b-09/06
Uniformly feeding enzyme concentrate to multiple extrusion
capillaries - In plate swept by rotary cutter to form granules
C90-040416

Material of poor flow qualities under gravity, esp. enzyme
concentrate to be incorporated in washing powder in the form
of granulate not exceeding 1mm. and pref. 0.8 mm. is fed into
the head (20) of a granulator, and is then diverted over a
displacement core (2) to the rear face (18) of a pre-distributor
(3) through whose widening bores (16) material passes to an
intermediate chamber (21).

At the extruder base a plate carrier (1) has a number of
bores (4) in concentric circles, each ending in a disc (5) with
a large number, e.g. 87, of capillary bores; each capillary
bore has a cylindrical inlet, connected by a 55-65 deg. slope
to a considerably smaller outlet from which extruded material
finally flows, to be cut to suitable granule size by a rotating
blade below the capillary outlets.

ADVANTAGE

Uniform distribn. over the entire extrusion surface

D(11-B2, 11-D3)

ensures uniform prod. (6pp1480D11IDwgNot1-2).

